

The Blurb

A Publication of

THE PHIL-MONT MOBILE RADIO CLUB, INC.
c/o 641 KISMET ROAD, PHILADELPHIA, PA 19115-1114



JACK HARING

VIRGINIA HARING - W3IIN

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W3IIM

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FIRST CLASS MAIL

The Blurb

August 1997



The 1997 Annual Picnic



Public Service Since 1949



VOLUME 47

NUMBER 8

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. Subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets at 7:30 p.m. on the second non-holiday Wednesday of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street or the parking garage on 21st street. **ALL VISITORS ARE WELCOME!**

Amateur Radio License Examinations are held on the first non-holiday Thursday of every month at **The Franklin Institute Science Museum**—doors close at 6:30 p.m.—**SHARP!**

CLUB INFORMATION

Mailing address: P.O. Box 88, Abington, PA 19001

Internet Web site: <http://www.comcat.com/pmrc>

E-mail: pmrc@comcat.com

2-meter repeater: 147.03 MHz (Main site Roxborough receiver requires no PL, but outputs 91.5 Hz.)

Additional off-site receivers require the following subaudible tones:

Southampton 131.8 Hz—**Center City** 103.5 Hz—**Lansdale** 114.8 Hz—**Broomall** 85.4 Hz

70cm repeater: 444.80 MHz (186.2 Hz PL)

Simplex: 147.51 MHz

24-hour club information at W3AA: 215-448-1139

STATIONS

W3QV - 147.03 MHz repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3EM - Field Day and special events station - Trustee W3VVS

W3AA - (Formerly W3TKQ) The Franklin Institute Science Museum, Philadelphia, PA - Trustee WU3I

The club sponsors this world-class demonstration station, and welcomes all licensed amateurs to operate it.

W3AA packet BBS frequency: 144.99 MHz: w3aa@w3aa.#sepa.pa.usa.noam

W3AA e-mail: w3aa@fi.edu

OFFICERS

PRESIDENT: W3CH, Russ Stafford, 14 Eagleville Road, Eagleville, PA 19403 610-631-3401

russ@hdj.com—w3ch@w3ch.#sepa.pa.usa.noam

VICE PRESIDENT: W3GQD, Bill Chedeville, 1365 Mark Drive, West Chester, PA 19380 610-431-3498

billch1@juno.com

SECRETARY: N3PVO, Carol Sebzda, 761 North Hills Avenue, Ardsley, PA 19038 215-884-5518

csebzda@juno.com

TREASURER: K2BN, Mike Tannenbaum, 545 Cardinal Drive, Dresher, PA 19025 215-542-5991

k2bn@agtannenbaum.com

DIRECTORS

W3BBB (98); WU3I (98); W3RM (98); AA3EP (97); K3GNM (97); K3KUD (97); KB3IV (A)

COMMITTEES

Archives: W3IIN
Audit: KE3OP
Awards: AA3EP
Blurb Folding: WB3KOH&J
Budget: K3KUD
Directory: WB3KOJ
DX: NU3Y
Education: W3CH
Emerg. Coord.: N3XKE
Field Day: WU3I/W3RM
Membership: W3LEN
Net Control: KB3IV
Program: W3GQD
Public Service: AA3EP
Publicity: N3IEI
Refreshments: N3FVI
Repeater: W3BBB
Special Events: N3WCO
Sunshine: WU3I
TVI: W3VVS
VE Program: ND3Q
W3AA: KB3IV
Welcome: N3PDO
Youth: KB2SVG+KE3ZY

Blurb STAFF

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Artist: N3QIE (476th issue)

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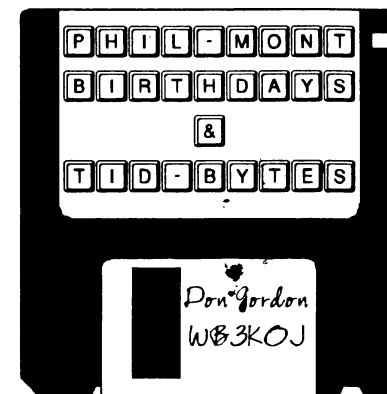
DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the General Meeting!

NET SCHEDULE

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET RETURNS IN SEPTEMBER
THURSDAY	20:00	147.030	MHz FM	YOUTH NET

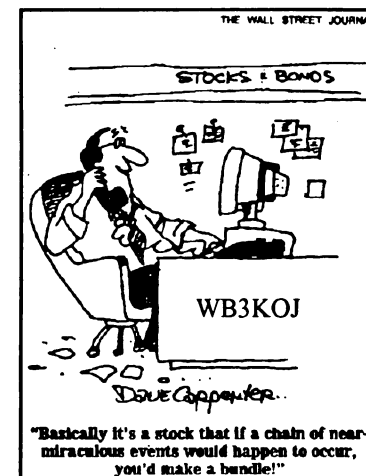
AUGUST BIRTHDAYS

- 01 Lee Pamplin - N3EKR
- 02 Tom Bohlander - WA3KLR
- 04 Harry Carl - W3KDO
George King - W3PXY
Alice Tannenbaum - WA2BTB
- 05 Rollie Madara - W3PWG
Kitty Trout - KA3BDU (XYL W3IGW)
- 07 Mike Errigo - WB3EQW
Kathie Rorick (XYL N3GEN)
- 08 Joe Johnston - K3VXU
- 09 Carolyn Popovic - KA3VLJ
- 12 Ethel Cox (XYL K3TYB)
Bryan Hoch - N3VJE
Joann Hoch - N3FTC
- 14 Pat Mescanti (XYL K2LK)
- 15 Mark Ackerman - N3DO
- 16 George Graf - N3JDM
- 18 Jeff Graf - N3JJS
Gertrude Richenbach (XYL WE3D)
- 19 Donna Lynn Larkin - WA1WYQ (XYL KA2FFP)
- 22 Hal Burks - KA3LCW
John Muroff - W3SAI
- 24 Lawrence Weinstein - N3STR
- 25 Frank Whitten - K3TEF
- 28 Gordy Lusky - W3APD
Joan Peebles - N3HPV (XYL NZ3O)
- 30 Paul Bohlander - W3VVS



MEMBERSHIP STATS.

162 FULL
18 FAMILY
13 YOUTH
3 HONORARY
2 PENDING
198



HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership? Help P.M.R.C. by joining or renewing through the club...contact Mike Tannenbaum - K2BN, for details.

"DON'T TAILGATE... WAIT"—for the courtesy 🚗!

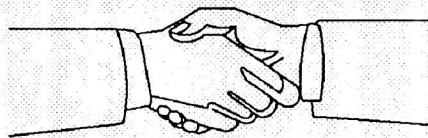
QST de WIAW ARRL Bulletin 33
June 24, 1997 To all radio amateurs
Volunteers protected

Ham radio volunteers stand to benefit from "The Volunteer Protection Act of 1997," signed into law June 18 by President Clinton. The measure aims to provide Federal protection from "frivolous, arbitrary, or capricious" lawsuits filed against individuals affiliated with nonprofit organizations and government entities and acting in their volunteer capacities. This would include members of the Amateur Auxiliary and volunteer examiners, as well as other volunteers.

In general, the new law will exempt a volunteer of a nonprofit organization or governmental entity from liability for harm caused by an act or omission of the volunteer on behalf of such organization or entity if:

- The volunteer was acting within the scope of his or her responsibilities at the time.
- The volunteer was properly licensed or otherwise authorized for the activities or practice in the State in which the harm occurred.
- The harm was not caused by willful or criminal misconduct, gross negligence, reckless misconduct, or a conscious, flagrant indifference to the rights or safety of the individual harmed.
- The harm was not caused by the volunteer operating a motor vehicle, vessel, aircraft, or other vehicle for which the State requires the operator or owner to possess an operator's license or maintain insurance.

The law, known as Public Law 105-19, becomes effective September 16, 1997.



MEMBERSHIP APPLICATIONS

CALL: N3LCV
NAME: Arthur Welner
HANDLE: Art
CLASS: Advanced
ADDRESS: 11016 Audubon Avenue
Philadelphia, PA 19116
OCCUPATION: Sales
HOME PHONE: 215-698-1606
BUSINESS PHONE: 215-885-5400
E-MAIL: aweiner@fast.net.com
PACKET:
COMMITTEES: Education, Emerg Coord,
Membership, Repeater, VE,
Spec Events

CALL: KD3RP
NAME: David Pyle
HANDLE: Dave
CLASS: Advanced
ADDRESS: 6878 Coats Lane
King of Prussia, PA 19406
OCCUPATION: Software Engineer
HOME PHONE: 610-272-4147
BUSINESS PHONE: 610-531-6954
E-MAIL: 101614,556@compuserve.com
PACKET:
COMMITTEES: DX, Field Day, Nets, Spec
Events

Federal Communications Commission
1270 Fairfield Road
Gettysburg, PA 17325
Internet: <http://www.fcc.gov>
License Information
888-225-5322—M-F 0800-1630
Fax-On-Demand
202-418-0177

The PREZ SEZ

Russ Stafford, W3CH



Hello all. First, did you R.S.V.P. for our club Picnic? If not, show your support for our club by sending it in right away to Chris (N3WCO). Time is getting short for one of the ham radio social events of the summer. When we were elected to office last year we (your officers) stated simply that we would "jump start" the club. So far, we have done just that. With much more to come. We have recruited many new members into the club. This includes more youth, since we feel that the youth are the future of P.M.R.C. and ham radio itself. Steffie (KE3ZY ex-N3XKW) has worked very hard on net's, *Blurb* articles, and meetings for the youth in our club.

We have completed a thorough audit of the books, thanks to Jim (KE3OP). Our auction brought in much needed income to the club. Our raffle, although it did not work as well as I had hoped, did make enough to offset the cost of a very nice club picnic.

Your officers, as well as the committee chairpeople, are working hard for you, the members of P.M.R.C., and we are still a very long way from where we want to go as a club. Something that you can do as a P.M.R.C. member, to show your support in the club, is to become involved in some of the upcoming activities and committees. You will find a list of committees on the inside cover of the *Blurb*. Contact a chairperson, and let them know that you would like to help out.

You should also come out and support the upcoming club activities. Here are just a few of the events to look for in the near

future that could use a helping hand: The Phil-Monster Picnic (8/23), the MS-150 City-To-Shore Bike Tour (9/27 and 28), the Arthritis Bike Tour (10/5), and of course, come on out to the PHIL-MONT monthly meetings.

Bill (W3GQD) has done a first rate job of getting A-1 programs for the club. So when you come to a meeting show your support for the hard work of fellow members and your officers. If you don't leave with a smile then you must have slept through the meeting. I guess what John F. Kennedy once said is true, "Ask not what your country can do for you, but what you can do for your country." Well, to have a truly great radio club it takes all of us pulling together, so the new saying for the club, to steal a phrase and change it around just a little, is ASK NOT WHAT PHIL-MONT IS GOING TO DO FOR YOU, BUT WHAT SUPPORT CAN YOU GIVE PHIL-MONT. Paying your dues does not mean that P.M.R.C. is giving you a service. It allows you to join in with the finest group of ham radio operators in the Delaware Valley.

Onto the repeater news, we are working on moving it to the new site. I would like to thank all the members who sent in money to help with the move after my plea last month! If every member could send in \$10 or \$20, or whatever you can spare, we will come up with the money needed to move our two repeaters to the city tower.

I just can't wait to see everyone at the picnic. 73 till then. ☺

UPCOMING

August No General Meeting

- Aug 6 Directors' Meeting at
W3BBB's
- Aug 7 License Examinations at
The Franklin Institute

AUGUST 23—PMRC Picnic

~ ~ ~

- Sept 3 Directors' Meeting at
C H I Institute, Southampton
Hosted by N3PVO
- Sept 4 License Examinations at
The Franklin Institute
- Sept 10 **General Meeting**
The SPRINT PCS (Personal
Communication Services) Network

Future Programs

- Nov Ol' Timer's Night with Derrick Pitts,
KA3NQN, The Franklin Institute's
Chief Astronomer.

HAMFESTS

- Aug 16-17 YORK, PA
York Hamfest
- Aug 24 MULICA HILL, NJ
Gloucester Co. ARC
- Sep 14 TRENTON, NJ
Delaware Valley RA
- Sep 20 MT. HOLLY, NJ
South Jersey RA
- Oct. 5 WARRINGTON, PA
Pack Rats
- Oct 19 NEWTOWN, PA
Penn Wireless Assn.
- Oct 26 SELLERSVILLE, PA
RF Hill ARC

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must two means of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. **The ARRL VEC's 1997 test fee is \$6.25; there is no charge for a Novice test.**

•The FRANKLIN INSTITUTE

Monthly, 1st Thursday—Dusty Rhoads, ND3Q
215- 879-0505 day, 215- 448-1139 24-hours

•BELLMAWR, NJ

Diane Nafis
609-227-6281

•BRISTOL

George LeNoir
215-943-4886

•LINWOOD, PA—(Commercial & Amateur Exams.)

Russ Stafford, W3CH
610-631-3401

•NORRISTOWN

Raymond Patton
610-279-1897

•TELFORD

Joseph Burgess
215-723-6697

•UNIVERSITY OF PA

Jeff DePolo
215- 898-8538 shack, 215-337-7383 home

•WARMINSTER

Tom Michaud, WA3TQJ
(215) 343-3494

•WILMINGTON

Giselle Walls
302-478-2757



PUBLIC SERVICE EVENTS

Charlie Weigand, AA3EP 610-323-1050
aa3ep@aol.com
Russ Stafford, russ@hdj.com

Sept 27-28 .. M.S. 150 City to Shore Bike Tour
Oct 5 Arthritis Bike Tour

rent out tower space will need to keep the potential extra weight in mind when the towers are designed, while coastal stations have to make provisions for hurricane-force winds.

The changeover to DTV will involve wholesale replacement of studio production equipment and the creation of new sources of high definition programming, but that programming won't be seen by anyone until the signals are broadcast. Establishing those broadcast facilities with new towers and antennas will be a formidable task.

The factual material for this article is from "More Crews Needed for DTV Towers" by Joe Fedeale, as printed in the May 22, 1997 issue of TV Technology. Thanks—DLARC

Field Day Extra Special Bonus Points

25 points per antenna or power connection that had to be kludged because there were no mating connectors.

100 points if all connections are made without clip leads or solder.

50 points per roll of duct tape

500 points for getting a signal on the air without using duct tape at all.

50 points for installing a PL-259 while 15ft above ground on a mast. 25 additional points for remembering to install the sleeve.

10 points per inhaled moth or fly.

5 points each for swatting mosquito on log, (must submit log).

WorldRadio via FMARC

And we thought that Steve made more gas than he consumed!



A Tall Order for New DTV Towers

Joe Chuk, W3JD

Much of the discussion about the advent of digital television (DTV) transmissions has centered on either the channel assignment process or the transmission standard to be used. One aspect that has been given little public attention is the need for new transmissions facilities for each television station, in addition to the facilities already in place for analog broadcasts. Because most transmission towers are at or near their capacities, the majority of stations cannot simply use existing towers to hold a new antenna and feedline, so they have to build new ones. Even those fortunate enough to have the capacity on their current towers, however, will have to compete with stations constructing new towers in contracting for the specialized services of the small number of companies that build and work on towers.

Towers are categorized as "short" or "tall," with any tower over 1,000 feet being considered as tall. Companies and crews specialize in working on one of the two types, and a recent study by a staff member of the National Association of Broadcasters determined that, nationwide, only 21 crews from nine companies are qualified and equipped to work on tall towers. Of these, only eight crews specialize in work on towers over 1,200 feet. There are about 40 crews available to work on short towers.

About 40 percent of the 1,551 full-powered television stations in the country have towers over 1,000 feet tall. At least 70 percent of those (some say as high as 90 percent) will have to be either strengthened or replaced—which means that a minimum of 435 towers need to be worked on by the "tall" towers specialists. To fulfill the FCC

mandate to have all commercial stations on the air with a DTV signal by 2003, the currently available crews together will have to install a DTV antenna (including building the tower where necessary) every three days. Keep in mind that some tall towers can take about four months to install.

While it's going to be a busy few years for the tower workers, there are several other companies which stand to have a huge demand for their products and services. Companies that perform structural analyses are seeing their business booming as stations, rush to determine if they can strengthen their current tower to support a DTV antenna, or if they need to build a new one. While some towers can be, reinforced, attention has to be paid to whether the tower base plate can withstand the added weight, not only of the new antenna and feedline, but also of the steel used for reinforcement.

Then there are the tower manufacturers themselves, who generally take about six months to fabricate certain tall towers. While they are likely to welcome the increased business, there's a real question of whether they will be able to deliver on all their tower orders in time to meet the FCC's mandate.

All of this assumes that the stations will have the financial resources to pay for the new towers. A typical 1,000-foot guyed tower costs between \$700,000 and \$1.1 million, while 2,000-foot models range from \$2.4 million to \$4 million. A "short" 700-foot self-supported tower about 700 feet high will cost about \$1.75 million. The price differences are related to the maximum capacity of the tower and the wind-loading requirements. Stations wishing to

MINUTES

JULY DIRECTORS' MEETING

Carol Sebzda, N3PVO, Secretary



The July Directors' Meeting was opened at 8:14 pm (W3RM-time), by Russ (W3CH). The following committees reported.

TREASURER - Mike (K2BN) reported that receipts were negative for the month because Social Events had a \$500 deficit due to the deposit needed to reserve the picnic grounds for our club picnic. The Raffle receipts totaled \$554 which will offset the deposit for the picnic. Also, monies received for the repeater move will be entered into the Capital Improvement Fund. Bottom line figures are as follows: receipts totaled \$-16.85 and total disbursements were \$301.82 with a net change in funds of \$-318.63. A motion was made and approved to accept the treasurers report.

FIELD DAY - Steve (WU3I) reported that a new chef has been engaged for next year, which should make some people happy. Rick (N3DHI) reported that all who attended had fun, and some new amateurs got to work stations. A special THANK YOU goes out to Len (W3LEN) for donating the generators used at Field Day.

YOUTH NET - Jim (W3BBB) brought up the lack of YOUTH checking in on the net. Please show your support and check-in to the net on Thursday nights at 8 pm.

REPEATER - The pending repeater move was discussed at length. Jim (W3BBB) reported the cost of the Station Master antennas to be \$487 for the VHF and \$337 for the UHF plus \$50 shipping. Grand total for the antennas is \$874. Rick (N3DHI)

reported about 600 ft. of hard line will be needed. There is a possibility of the hard line being donated to the club. If not, the cost would be about \$1.50/ft. Four brass connectors for the hard line would run about \$30 each. A professional rigger was contacted, and required more specific information before giving us a quote on the cost of the climb. It was agreed that Jim (W3BBB) would take care of the antenna purchases and the mounting brackets. Rick (N3DHI) would pursue the hard line and the connectors needed. Jim (W3BBB) and Russ (W3CH) would visit the site, and list the City requirements that we need to meet. The professional rigger will be contacted after a list of requirements and material is made. Jim (W3BBB) reported on the new center city site. The cabinet will be in place at its new location next week, but will not be operational for awhile yet.

W3AA - Steve (WU3I) reported that the satellite tracking computer has a keyboard error problem and is not operational. Also the BBS is not forwarding mail due to a problem with Russ's repeater. Last, there is a report of a possible virus on the slow scan computer. Steve reported all of the problems would be addressed ASAP.

SOCIAL EVENTS - Russ (W3CH) reported on the upcoming picnic. If you are planning to attend, please remember you need to send in your RSVP ASAP.

NEW BUSINESS - Russ (W3CH) approached the Board with a suggestion that the club give a \$50 donation to the MS

Society, which would place the Club's logo on the MS150 tee-shirts. A motion was made and approved.

MEMBERSHIP - Russ (W3CH) reported that one newly voted-on member has not paid his dues, and a youth applicant has not paid his application fee. A motion was made and approved that Robert (N3YRA) and Chris (N3XPW) would no longer be considered for membership, and will be notified in writing. Next Russ (W3CH) reported three applicants to vote on for membership, Michael Fischbach (KB2RHI), Tony Straka (KA3SVT) and Matthew Adair (N3YAO). A motion was made and approved to accept the applicants into membership. Welcome to all.

With no more business to discuss, the meeting was closed at 9:35 pm (W3RM time) by Russ (W3CH). Special thanks to Chris (N3WCO) and Russ (W3CH) for hosting our meeting. ☺

Warminster ARC Announces Fall Classes

Tuesdays from 1930-2130.
September 9 through November 25.

For more information:

Call George at 215-855-3856
altemus@gac.usa.com

PACKET RACKET.

Russ Stafford, W3CH

Boy, since last month when I made mention that you can buy, sell and trade ham gear via packet, the BBS usage has almost tripled. 'Just goes to show that some folks do read the *Blurb*, and use the good information found inside! Here are some helpful hints, or most frequently asked questions (FAQ) about the BBS.

1. **Do I need a TNC (Terminal Node Controller)?** No. The same modem that you use on Internet will work just fine. Set it up for ANSI 8N1.

2. **How do I get set up as a user?** It's easy, call me 610-631-3401, and I will create a user account for you. All I will need is your call and a password.

3. **How much will it cost?** There is no charge for use of the BBS.

4. **Can I get on Internet through the BBS?** Yes and No. You can send e-mail from the Internet to the BBS, and from the BBS to the Internet, but you can't 'surf' the World Wide Web.

5. **Can I use this system from New Jersey?** Yes. Use 609-453-8816.

6. **What numbers do I call in Pennsylvania?** In Delaware County use 610-497-5868, and in Montgomery County 610-635-0486.

7. **When I get on, how do I make it work?** Here are some helpful things to know.

LM = List Mine

RM = Read Mine

KM = Kill Mine

SR = Send Reply

LB = List Bulletins

SP (call@BBS) = Send Personal

Of course H, ? and H? will get you help.

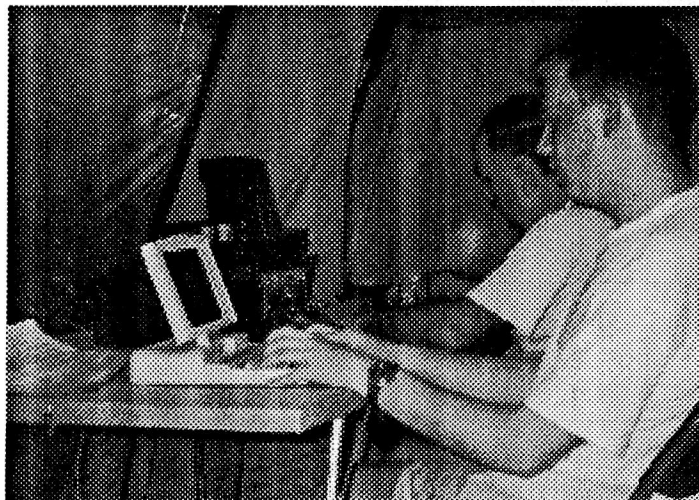
Have fun with back door packet, and enjoy!



Rick (N3DHI) scoring extra points by sending left-handed!



Future hams: Dick's (W3RM) grandkids complete with their own mobile station!



Jamie (W3NM) and Dick (W3RM) piling-up the CW points.

tage" FORD generator.

The dinner bell soon rang....and Steve was brewing "something"! To this day, I'm not really sure what I had eaten. He called it a chicken dish. For sake of argument, I'll refer to it as "chicken-splash." We'll visit this in a moment.... I saw Steve brewing this concoction, in the air conditioned comfort of his "resort." Yes, there was chicken in there, I saw it. Pounds of it! Yup, it was there in the pot....but not alone! There was other stuff there too. Beans, onions, 9 volt batteries, a spare keyer. Yeah, maybe it was the keyer that got me....I remember it vividly. It was 8:24 pm on Sunday evening, and thank God I was far away from those terracotta pipes the "park" folks think constitute a bathroom. Grumble-grumble-grumble..... "that chicken!"..... WHOOSH! Oh Steve, I'm gonna get you for this!

Darkness fell upon the site, and all was calm. 75 and 40 were the only bands with a soul on them. 10, 15 and 20 fell silent for the evening.

Sunday brought a renewed effort on HF. Careful operating plucked a few more for the logs. Thanks to all of you that came and helped with our station. I'm not going to attempt to name everyone, because if I happen to overlook one of you, I may never be forgiven. You all know who you are, and I sincerely thank you for making FD such a success. Carol and Rick are still compiling the logs and as soon as I get a rough estimate as to what our score could look like, I'll message Jack in hopes that it will appear in the *Blurb*. Remember, the actual scores will appear in the NOVEMBER QST.

And finally, I am writing to inform you that this will be the last year for me as Field Day Chairman. Unfortunately, for every reason I have to continue, there is an equal one for me to step aside. After a 4-year run, I think I've proven that PMRC does indeed

enjoy Field Day. Whoever does continue this renewed tradition, I hope that the truest sense of Field Day prevails...that being one of preparedness. This is an "exercise" first, and a friendly competition second. I have been reluctant to go at FD with huge arrays of beams and towers because I feel something gets lost here. We (Rick, Dick and I) made a concerted effort this year to operate simply. That's why only wire antennas and verticals were used. If we were all to be thrust into difficult conditions, the HF beam certainly doesn't lend itself to "emergency" situations, but I guess it could bolster the score. And as I finish here, I hope those of you that I've poked fun at over the years, will continue to do goofy things, that can be pointed out in these very same pages, by next year's Field Day Chair!

Unofficial results

1,191 contacts total	Points
540 CW (worth 2 points each)	1,080
651 phone	651
	1,731
All stations within 150 Watt limit	x 2
	3,462

Plus 100 "bonus points" each for:

- 100% emergency power
- Media publicity
- Located in public place
- Information booth
- W1AW FD message
- Packet radio
- VHF/UHF

700
4,162

Phone	Band	CW
342	75/80	77
46	40	308
9	20	153
80	15	2
86	10	0
88	2M	0

147TH MONTHLY VE SESSION STATISTICS JULY

15 candidates took 21 elements
2 new amateurs plus 3 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman

Jim McCloskey, KE3OP; Michael Cirillo, AA3OQ; Wally Newell, W3UK; Jeff Kerber, KE3UV; Bob Freer, W3YLT

AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH

Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

THE FRANKLIN INSTITUTE
SCIENCE MUSEUM

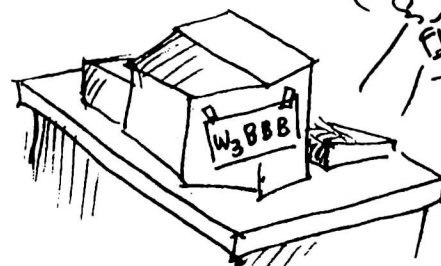
For Information Call ND3Q at
(215) 448-1139 or 879-0505

Accessible by the handicapped.



Sams
CORNER

E' MAIL-HMPH!



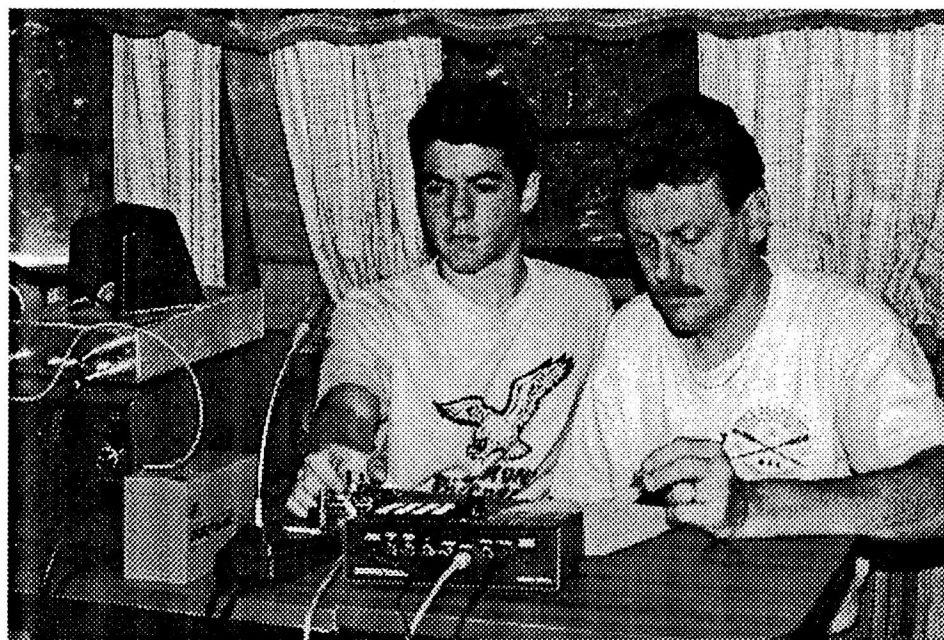
Now what did Rick tell me to do after I typed
"WIN"?

De the Northern Reporter

Wall there hasn't been much happening in Farmer Makefields pasture except much more horse chips are piling up by the ton. Anybody who goes to Kmart to get fertilizer with dollars remember we have it for free - free and fresh as well as aged, however you must bring a shovel and a barrel to carry it away. You don't get much of anything for really free these days so jack ass power is needed - bring your own. Wat happened to the Southern Reporter, not heard of late date in this here rag. Amazing how these young fellers retire and don't have enuf time to tie their shoes. Did you ever notice in club activity when a job needs doing all the guys who are doing nothing have no time. The rule is when you want to get a job done give it to a busy person - forget the non busy guys with ossified brains. The definition of "guys" here is strictly male. Have you noticed the uptake of the fairer sex in the club activities Carol doing a bang up job each month and active - thanks to Rick for getting her interested in the club. The influx of female new member applications is amazing - keep track guys it won't be long we will be outnumbered. Sure great to see the improvement when this group years ago was all hemales. Now if you don't know who these characters are you had better get with it. Speaking of characters, we have a very noisy one on frequency for a long time but he redeems for all the loud noise that we have to put up with - with the monthly additions to the Blurb with all the stuff in the back and with member list and the Birthdays. It took us a while to cotton on to the character who feeds Jacks edition each month with those goodies. We know why Natily got a ham ticket -to keep track of his filanderings. Used to be Ernie was the noisy one but he has crawled into a hole and locked the door in behind him. Ernie has been displaced. ** Keep marveling at Sams carfoons every month -incredible talent and he whips it out so easily like the super pro he is. He missed it in the Navy not doing a Hagar the Horrible or Garfield the cat. Sam and Chester review the Navy Yard happenings at 2:30 every day. Chester has had some bones giving him trouble of late. Dr. Carl says the only good things he reads in the papers are Hagar and Sam's carfoons in the Blurb. Haven't seen any of Carls epistles of late here in the Blurb. He's the guy who named this here rag. If you want to know what is going on on the frequency tune up with him. He has the radio on all the time and can write a bible of the happenings. First class (and last class) education of club activity. Can't figure out why Russ our super boss ever got involved with this mess. He follows the rule about the super busy guy who has time to add one more. The help on the disk sales program is sure appreciated with XKE and BN and Bill NSP helping out. We ran into 3 truck loads of them - the quantity is mind bogeling-and exclusively for the benefit of the club treasury. Anyone taking tables at the flea markets - hamfests hollar to Gene XKE coordinator. Stock up now since they will not last forever. A rumble, the bulk will go to the educational system in Rumania after we get our cut. ** To get the record crooked, the old feller on the last front page is not the founder he did not even have a call when the 5 guys started the club in 1949 but he has made up for his shady character ever since. Well that's all we can shovel out of the barnyard fer now. An if you cain't read this ask Don he - can't read it either. de FM.



Henry (W3UI) says "it's a tough job, but somebody's gotta stand guard!"
Meanwhile, Bill (WA3NSP) and Kornwell (KC3DH) have things well in hand.



Mike (N3TRO) and Thom (KF4I) in airconditioned comfort.

CQ Field Day! This is W3EM !

Chris Brady, N3IEI

Wow, what a great weekend. This year's FD was held, for the second year, at The Fort Washington State Park. The folks at the park were once again, great. Thanks again to the Park Director, Lori Nygard. She and her officers, made us all feel at home at their facility.

Somebody MUST have said a few prayers, because unlike any of the three previous years, the weather was excellent. Lower humidity & sunny skies blanketed the site. It was a perfect weekend for outdoor activity.

Setup began around 10 am. Shortly after arrival, most of the participants were busy with antennas and tents. Bill's (N3FVI) "spud-buster" blasted through the tranquility, launching wire antennas W-A-Y up into the surrounding "oaks." He must have had a bad crop of "spuds" though, because nearly 10 pounds of the little rascals were used. Or perhaps he had higher-octane hair spray. Whichever was case, french-fries went-a-flyin', as did the antennas. Thanks to Bill, and Gene (N3XKE) for the fine aim.

I think the band captain idea was the way to go, since each station was essentially a self contained unit. Rick (N3DHI) and Carol (N3PVO) kept 10-meters humming, in spite of real lousy band conditions. 10 was weak on Saturday, closing down completely at night. It was a "tease" on Sunday, although a pretty good run was made late in the morning on Sunday. 15 was prodded along by Bill (WA3NSP) and Cornball (KC3DH). Conditions were much poorer, compared to last year. Once Bill got his Kenwood's "knobs" in order, the contact count increased.

20-meters was "mastered" by the FD Chef, Steve "pass-me-the-pepto" Hoch.

WU3I rolls up in his vacation home, the "RV estate." Coming to a graceful rest in the campsite grass, it was soon apparent that Steve was no Field Day purist, but rather a seasoned visitor to similar surroundings. Within minutes, the bubbles were balanced, the Hustler was pointing graciously Northward (towards the stars Steve hoped to contact), and the awning was unfurled. This of course, was decorated with little party lights. Suddenly, we all heard one of the generators begin to labor....why?? Well, Steve's air conditioner was hard at work, too!

Dick (W3RM) pounded out the code once again on 40. This time, having learned from our windblown experience of a year ago, Dick unveiled a brand new tent, complete with screened-in porch. He never had it so good! 75 and 80 were tackled by Russ (W3CH) and his entourage. Nestled under their screen-tent, they probably had the best run. (At this writing, I still have not seen the compiled scores). Using the two longest, highest, gotta get a signal out, kind of antennas, they warped the airwaves long into the night.

And of course, operating in sheer mobile comfort, after scurrying the rodents, Bill (N3FVI) and Paul (N3PP) wreaked havoc on packet and 2-meter SSB. Their 2-meter beam, hoisted some 30 feet above the camper, really helped pull in the weak ones.

Lunch time approached on Saturday, and Steve was hard at work in front of the gas grill. Doggies and burgers! Ruff! 2 pm marked the start of FD. Computers were used once again for logging, and thanks to Jack (W3IIM), everything worked perfectly. Thanks Jack and Carol.

Len (W3LEN) provided the bulk of our generator power, and his "babies" purred like kittens. Bill (N3FVI) also came equipped for AC power, donning a "vin-

THE W 3 A A REPORT

The International Voice of The Franklin Institute Science Museum

Hello Phil-Mont! Your club station is doing well, and the air conditioning is working. The tuning stub will be installed on the 6M vertical by the time you read this, and the antenna switch installed to switch between the vertical for repeater use, and the beam for SSB and AM use (CW too).

Many of our volunteers will be going on some type of vacation this summer, and perhaps you could help out in their absence. We need people to help out on various days. Please contact me if you can help out.

Remember it's your station come down and play with the toys!!!

On a more personal note, Field Day has come and gone for 1997, and all involved had a good time. For those of you who do not read page 2 of the Blurb, please note that yours truly is now on the Field Day Committee for 1998. I have, at considerable cost to PMRC, engaged the services of a new chef for next year. She has been doing a fine job with me [*you can say that again!—ed*] for the last decade, so I think you will all be pleased. I will be pestering and prodding you all year long for next year, and hope to do as good a job as those who have gone before me. If you wish to volunteer for a particular function, or be a Band Captain, please let me know, and I will be happy to oblige. First Come First Served. After awhile I will just assign captains.

—Steve Hoch, WU3I

Internet: <http://www.fi.edu/tfi/exhibits/w3aa.html>

The Blurb

GOODIES

RCA 1000 FM Mobile, converted to 6 Meters, with manual,
but needs work on audio volume output \$50
SR C 146 2 mtr HT with manual and charger,
includes Phil-Mont crystals et al 60
Dow Hand Key (CW Bug) 40
HTX 100 10 Meter SSB/CW mobile transceiver with manual 85
Manuals for following equipment: \$2 each
Swan 350; Ray Jefferson Marine Radio Model 5000M VHF/FM; Ray Jefferson Marine
Radio Model 1425 "Tital" VHF/FM
Make an offer. It might be accepted!
Larry J. Clifford, W3UY: 610-279-8320

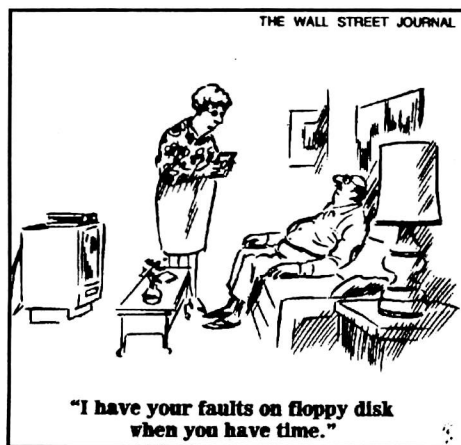
For the benefit of your club

3½" 1.4 mb computer diskettes. These are top-grade surplus diskettes which need only to be formatted and relabeled. Minimum quantity 100 wrapped in plastic, for \$10. Buy a case of 500 for only \$40. That's only 8¢ each!

Proceeds go to the general treasury to help defray the cost of the upcoming picnic, to help with the expenses of the planned repeater relocation, and to continue to maintain in first-class condition W3AA, our demonstration station in The Franklin Institute Science Museum.

Contact Gene, N3XKE at 215-482-7008

Make checks to PMRC.



NEWSLETTERS EXCHANGED

Anne Arundel Radio Club (Maryland)
Baltimore Radio Amateur Television Society (BRATS)
Cherryville Repeater Association (New Jersey)
Delaware-Lehigh Amateur Radio Club (DLARC)
Delmont Radio Club
Fort Myers Amateur Radio Club (Florida)
Mid-Atlantic Amateur Radio Club (MARC)
Penn Wireless Association
R F Hill Amateur Radio Club
Tampa Amateur Radio Club
Warminster Amateur Radio Club
Worldradio Magazine

Exchanges with additional parties are welcomed.

The Blurb

MAILBOX - IN

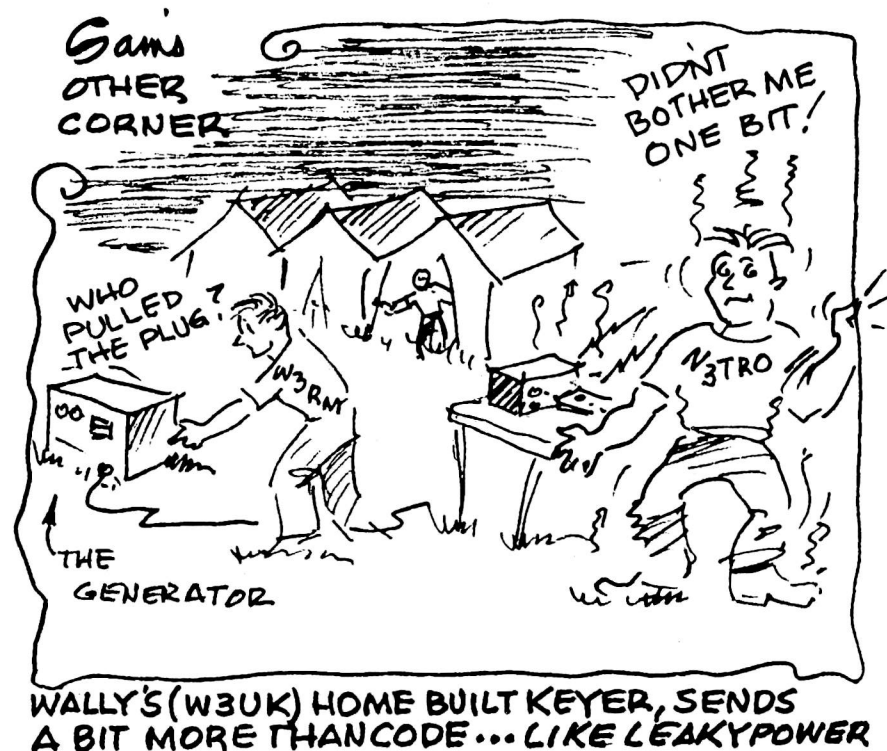
....and we get E-mail too!

From: Fred Bauer {fbauerwrite@worldnet.att.net}
Subject: Greetings from former WA3DMR
Date 5/27/97 5:37pm

I got my General license at F.I./Phil-Mont classes in 1965. My big brother (K3HIE), also a Phil-Mont member and I have regular schedules on 80 meters every Tues. and Fri. Anyone one courageous enough to get up at 5 A.M. will find us on 3.875.

I'm now WA1SSI in Marblehead Mass. My greetings to all the members who used to check in on 29.93 every Sunday morning when I was net control.

Fred Bauer (WA1SSI, ex WA3DMR)



STILL MORE GOODIES

Daiwa model CN-410M dual wattmeter
 Comet model CMX-2 dual wattmeter
 Ten-Tec model 239 300 watt dummy load
 MFJ 451 morse code keyboard
 Ten-Tec model 293 mobile mount for Argonaut-II
 Radio Shack field strength & swr meter (standby)
 Kenwood model HS-5 headphones
 Lafayette field strength & swr meter
 Ten-Tec model 3180 80-meter mobile antenna w/3101 extra stinger
 Ten-Tec model 3140 40-meter mobile antenna
 Comet wattmeter model CMX-2
 MFJ morse code keyboard model 452 used with IBM AT-101 issued with MFJ-451
 Ten-Tec model 238 large antenna tuner to match Corsair-II
 Ten-Tec model 227 antenna tuner
 Kenwood AT-120 antenna tuner (2)
 MFJ model 931 ground tuner used balcony portable
 Curtis model K5 electronic keyer (2)
 Bencher twin lever iambic paddle key
 Bencher hand key, chrome
 Curtis model K5
 Army model J-47 handkey
 Army model J-37 handkey
 Bencher single paddle chrome
 Vibroplex paddle model EK-1
 Ten-Tec Corsair-II with 500 kHz cw xtal filter model 561
 Ten-Tec Argonaut-II 535 microprocessor transceiver
 MFJ 9030 30-meter transceiver
 Ten-Tec Omni VI transceiver model 563, w/ladder filters 250 Hz and 500 Hz
 Ten-Tec model 561 power supply for Corsair-II
 Ten-Tec model 937 power supply for Scout, now used for Argonaut-II
 Ten-Tec model 935 power supply for Argonaut-II, 3.2 amps
 Radio Shack Micronta general purpose 12v power supply
 Lafayette F780 high fidelity stereo headphones 1/4 inch plug
 Radio Shack tape recorder variable speed model VSC2001
 Radio Shack DX-350 short wave portable radio
 Panasonic model RQ-2735 tape recorder
 MFJ regenerative short wave receiver

Estate sale. Contact George, WA3KSK at 215-699-1001

MORE GOODIES

Heathkit HW-101 SSB transceiver w/manual
 Heathkit 23B power supply w/manual
 Astatic D-104C microphone and Astatic G mike stand \$125
 Heathkit SB-200, linear amplifier w/manual 225
 Heathkit HW-202, 2 Meter FM transceiver w/manual
 Heathkit HWA-202-1 power supply, microphone, 147.63/03 crystals 50
 Heathkit HW-5400, HF SSB, 80/40/20/15/10 Meters solid state transceiver
 Heathkit HWA-5400-1, power supply, microphone w/manual 200
 Heathkit IG-42, laboratory generator w/manual 25
 Heathkit IG-72, audio generator w/manual 20
 Heathkit IT-28, capacitor checker w/manual 15
 Heathkit IT-121, FET/transistor tester w/manual 20
 Heathkit IG-37, FM stereo generator w/manual 20
 Heathkit IT-17, tube checker w/manual 25
 Heathkit IT-7400 digital IC tester w/manual 15
 Heathkit IG-57A, TV post-marker/sweep generator w/manual 30
 Heathkit HM-10A, tunnel dipper w/manual 20
 Heathkit HN-31, "Cantenna" 1000W, dummy R.F. load 10
 Heathkit SM-5210, high voltage probe 10
 Heathkit ID-101, vector scope w/manual 20
 Lafayette 99-5014, sine/square wave audio generator w/manual 15
 Solar model CE, capacitor dynamic tester w/manual 10
 General Radio 1840-A output meter 20
 EICO 944, flyback transformer & yoke tester w/manual 10
 EICO 633, CRT tester/rejuvenator w/manual 20
 Weston 785 industrial analyzer 30
 Industrial Instrument RN-1, wheatstone bridge 50
 Bird model 43, Thru-line RF directional wattmeter w/manual
 1-500W 2-30 Mhz. element and 1-50W 100-250 Mhz. element 150
 Lambda regulated power supply LM G20-OV, 9-20 VDC, 35 Amps. 50

Allen F. Bubeck, K3GNM
 215-723-6783
 abubeck@comcat.com

1997

AUGUST

1997

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
3 ● 2M NCS N3OWM 10M NCS W3HFX 75M NCS W3PWG	4	5 CODE PRACTICE On Summer Vacation <i>Returns Sept. 16</i>	6 DIRECTORS' MEETING at W3BBB's	7 LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 <i>Doors close at 6:30 p.m. sharp!</i> YOUTH NET @ 8 PM	8	9
10 2M NCS W3STW 10M NCS W3HFX 75M NCS W3STW	11	12	13 ○ GENERAL MEETING at The Franklin Institute <i>Refreshments at 7:00 p.m. Meeting starts at 7:30.</i>	14 YOUTH NET at 8 PM <i>Publishers Clearing House makes YOU a millionaire!</i>	15	16 <i>York Hamfest begins</i>
17 2M NCS WB3KOJ 10M NCS W3HFX 75M NCS N3JDM <i>York Hamfest ends</i>	18 ○	19 <i>Bill Clinton, 1946</i>	20	21 YOUTH NET at 8 PM	22	23 PMRC Picnic
24 2M NCS KB3IV 10M NCS W3HFX 75M NCS KB3IV <i>Mullica Hill Hamfest</i>	25	26	27 <i>L.B. Johnson, 1908</i>	28 YOUTH NET at 8 PM	29	30
31 2M NCS W3BBB 10M NCS W3HFX 75M NCS W3BBB				Talk is cheap because supply exceeds demand.		